

APPLICANT(S): PERETS, Yona et al.
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16. (Currently Amended) The method of claim 12, comprising:
decoding by a processing window [[a]] the desired symbol within first and second groups;
delaying a first processing result of the first group and a second processing results of the second group; and
combining the first processing result with the second processing result.
17. (Currently Amended) The method of claim 15 comprising:
assigning ~~different sizes~~ first and second window lengths to the first and second processing windows, respectively.
18. (Currently Amended) The method of claim 15 comprising overlapping the first and second processing windows.
19. (Original) The method of claim 15 comprising:
adaptively positioning the first or the second processing windows to encompass the desired symbol based on a communication system parameter.
20. (Currently Amended) The method of claim 15 comprising:
fragmenting the desired symbol into at least first and second fragments; and
applying adaptively positioning the first processing window to encompass the first fragment and the second processing window to encompass the second fragment.
21. (Currently Amended) The method of claim 12 comprising:
processing the desired symbol by applying to the symbols of the two or more received multipath components of the baseband signal at least one processing window to process the desired symbol in one group and at least one other processing window to process the desired symbol in two or more groups.

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22. (Currently Amended) An apparatus comprising:

a receiver to provide symbols of two or more received multipath components;

a processor to group said symbols of the two or more multipath components into first and second groups based on a relative delay between the desired symbol of one multipath component and the desired symbol of another multipath component; and

a decoder having a processing window unit to decode [[a]] the desired symbol within said first and second groups of symbols of the two or more multipath components;

a first delay unit to delay a first processing result of the first group; and

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